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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/068,767	02/06/2002	Christian Andre Cermelli	26780/15	9272

7590 08/27/2003

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EXAMINER

SINGH, SUNIL

ART UNIT

PAPER NUMBER

3673

DATE MAILED: 08/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



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7590 02/21/2003

Shell Oil Company
P.O. Box 2463
Houston, TX 77252-2463

EXAMINER

SINGH, SUNIL

ART UNIT

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DATE MAILED: 02/21/2003

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Office Action Summary

Application No. 10/068,767	Applicant(s) Cermelli et al.
Examiner Sunil Singh	Art Unit 3673

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on _____.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-27 is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-27 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

4) Interview Summary (PTO-413) Paper No(s). _____

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

5) Notice of Informal Patent Application (PTO-152)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____

6) Other: _____

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DETAILED ACTION

Information Disclosure Statement

1. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35

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U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1,4,7,10,13,16,19,22,25 are rejected under 35 U.S.C. 102(e) as being anticipated by Byle (US 6431107).

Byle discloses an offshore platform (see Fig. 10) comprising a deck (1002), a buoyant member (1006), an open support structure (1004) positioned between the deck and the buoyant member, a plurality of tendons (1012,1020) connected to the buoyant member. The structure is positioned at least 200 feet below the waterline and the heave of resonance is at least 6 seconds (see abstract).

With regards to claims 10,13,16,19,22 and 25, the recited method steps are considered to be inherent to the use of the apparatus disclosed by Byle.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2,3,5,6,8,9,11,12,14,15,17,18,20,21,23,24,26,27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Byle.

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Byle discloses the invention substantially as claimed. However, Byle is silent about the heave resonance of the structure being within the range of about 7 to about 9 seconds. It is well known to one skilled in the offshore platform art that it is desirable to have a structure whose resonance does not coincide with the resonance of the waves otherwise one would have failure; it is further known they are several ways one can control what a structure's resonance can be (e.g. changing the weight of the structure, shape etc.). Therefore, it would have been considered obvious to one of ordinary skill in the art to modify Byle by adjusting his structure wherein his structure's resonance was within the range of about 7 to about 9 seconds in order for his structure's resonance to not coincide with the waves.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Sebastiani et al. '193 teaches a structure having heave resonance within the range of about 7 to about 9 seconds (see col. 3 line 20). Chiu et al. '139 teaches a offshore platform comprising a deck, a buoyant member, an open support structure and a plurality of tendons. EP document '177 teaches an offshore platform comprising a deck, a buoyant member, an open support structure and a plurality of tendons and the structure is installed below the waterline at least 200 feet.

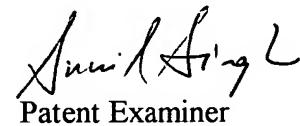
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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sunil Singh whose telephone number is (703) 308-4024. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Shackelford, can be reached on (703) 308-2978. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-7687.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168.

Sunil Singh



A handwritten signature in black ink, appearing to read "Sunil Singh".

Patent Examiner

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SS
2/14/03